

Please amend claims 1-4 and 6-9 as follows:

Claims:

1. (currently amended) A ~~of joint of a~~ parallel kinematic machine having a machine-connected positioning head and at least three machine setting devices, said parallel kinematic machine comprising at least three joints, each of which connects for connection to a ~~respective machine setting device mounted in the parallel kinematic machine, wherein the setting device~~ to the machine-connected positioning head and cooperates with said other joints in said parallel kinematic machine is adapted to move said a machine-connected positioning head in space, said joints each comprising a wobbler that (1) is mounted to the respective machine characterized in that the setting device and allows is mounted about a wobbler for rotation of the respective machine setting device about a wobbler axis, (2) wherein the wobbler is, in turn, mounted for rotation about a main axis that extends through a the setting-device bearing means around the wobbler, and (3) wherein the wobbler includes an external bearing mounting surface or an external bearing surface on which its respective the setting device is mounted.

2. (currently amended) A parallel kinematic machine joint ~~joint~~ according to claim 1, characterized in that the joints are ~~is~~ disposed between the setting devices and the machine-connected positioning head or, alternatively, between the setting devices or a frame, wherein one end of each the setting device is mounted for rotation about the wobbler which, in turn, is rotatably mounted via joint mounting means on opposing sides of the wobbler to the machine-connected positioning head or to the frame or both for rotation about said main axis.

3. (currently amended) A parallel kinematic machine joint ~~joint~~ according to claim 1, characterized in that, for each joint, the wobbler axis and the main axis mutually intersect at an angle α , where $1^\circ \leq \alpha \leq 45^\circ$.

4. (currently amended) A parallel kinematic machine joint ~~joint~~ according to claim 1, characterized in that, for each joint, the wobbler axis and the main axis mutually intersect at an angle α , where $5^\circ \leq \alpha \leq 20^\circ$.

5. (canceled)

6. (currently amended) A parallel kinematic machine joint according to claim 1, characterized in that each joint ~~the wobbler~~ is firmly connected to a supporting shaft which has two ends that are rotatably connected to the positioning head and/or the frame.

7. (currently amended) A parallel kinematic machine joint according to claim 1, characterized in that each joint ~~the wobbler~~ is rotatably connected to a supporting shaft which includes two ends of which at least one end is connected to the positioning head and/or the frame.

8. (currently amended) A parallel kinematic machine joint according to claim 7, characterized in that one end of the supporting shaft is inserted in a first joint mounting means which is secured axially by a clamp coupling; and in that the other end of the supporting shaft is firmly connected to a second joint mounting means.

9. (currently amended) A parallel kinematic machine joint according to claim 1, characterized in that an ~~the~~ angle α is orientated in relation to a ~~the~~ supporting shaft when the setting device is fitted to the positioning head and/or a ~~the~~ frame, so as to permit tilting between the setting devices and their respective wobblers by a rotation of the wobblers about the main axis.